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L53: Entry 9 of 9

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Jan 30, 1990

DERWENT-ACC-NO: 1990-072994

DERWENT-WEEK: 199646

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TITLE: Physio-functional activators for blood circulation diseases - extracted from virus-infected tissue of e.g cow, goat, pig

PATENT-ASSIGNEE:

ASSIGNEE

NIPPON ZOKI PHARM CO LTD

CODE

NIHZ

PRIORITY-DATA: 1988JP-0177583 (July 15, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 02028119 A	January 30, 1990		004	
JP 2539669 B2	October 2, 1996		004	A61K035/12

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP02028119A	July 15, 1988	1988JP-0177583	
JP 2539669B2	July 15, 1988	1988JP-0177583	
JP 2539669B2		JP 2028119	Previous Publ.

INT-CL (IPC): A61K 35/12; A61K 35/36; A61K 39/27; C07G 17/00

RELATED-ACC-NO: 1996-450925

ABSTRACTED-PUB-NO: JP02028119A

BASIC-ABSTRACT:

A physiofunctional activator contg., as active substance, physioactive substance, which is extracted from virus-infected tissue.

The virus is vaccinia virus, cowpox virus, variola virus, paravaccinia virus, orthopox virus, tara pox virus or orf virus. The animals for obtaining the tissue is rabbit, sheep, goat, -pig, cow, horses, monkey, rate or mouse. The tissue is kidney, skin, lung, liver, muscle, renal gland, thyroid gland, brain, -nerve cell or blood or Hela cell. In the preparation of the substance, a virus-infected tissue is pulverized, and formed into a suspension together with a extract solvent (e.g. distilled water physiological saline solution, buffers) and stabilizers (e.g. glycerine), antiseptics (e.g. phenol), inorganic salts (e.g. sodium chloride, potassium chloride or magnesium chloride. The suspension is filtered and treated with heating, ultrasonic wave, organic solvent, or acid and bases for removal of protein, to obtain an extract contg. active substance, which is treated with activated charcoal or kaoline, for absorption of the active substance, which is treated with an eluting solution (e.g. water, methanol, ethanol or isopropanol) to obtain a solution, which is dried to form the active substance powder.

USE/ADVANTAGE - Activators for diseases caused from blood-circulation disorder (e.g. pain, or numbness).

CHOSEN-DRAWING: Dwg.0/0